

Enclosure 1

APPROVED TMDLS

4 TMDL completed**

0 Determinations that no TMDL is needed

0 TMDLs yet to be developed

Waterbody Name*	TMDL Parameter/ Pollutant [Based on 1996 & 2004 §303(d) Lists]	Water Quality Goal/Endpoint	TMDL	WLA LA	Supporting Documentation (not an exhaustive list of supporting documents)
Grave Creek* MT76D004_060 17010101	Siltation	<ul style="list-style-type: none"> • Pool Frequency = 12-29 • % surface fines < 2mm = <20% • % subsurface fines < 6.35 mm = < 28% • Macroinvertebrate IBI's = > 75% • W/D = < 25 (Lower), < 27 (B & C reaches) <ul style="list-style-type: none"> • LWD = 146 - 294 • Sinuosity = 1.2 - 1.6 • Meander Length Ratio = 13.8 - 19.2 <ul style="list-style-type: none"> • Bull Trout Redds = > 156 • Residual Pool Depth = > 3 <p>(LWD = large woody debris IBI = index of biotic integrity W/D = width depth ratio)</p>	60% reduction in human- caused sediment loading	WLA = 0 LA = 63% reduction in human-caused bank erosion and 50% reduction in human- caused mass wasting	“Grave Creek Watershed Water Quality and Habitat Restoration Plan and Sediment Total Maximum Daily Loads”; MT DEQ; March 2005

* An asterisk indicates the water body has been included on the State's Section 303(d) list of water bodies in need of TMDLs.

** Through the Grave Creek siltation TMDL, stressors not necessarily associated with pollutants but yet identified as a stressor on the State's 303(d) list for Grave Creek including “Bank Erosion”, “Other Habitat Alterations”, and “Fish Habitat Degradation” were addressed. (See Table 3-2 in the Grave Creek TMDL document referenced above.) All these stressors and “siltation” count towards the number of TMDLs established by the State.

